



**CREATIVE  
WATER  
SOLUTIONS**

# **CWS Commercial Case Study**

## **Split Rock-Indoor Waterpark, PA**

**Effects and Statistics**



# Split Rock Indoor Water Park

This indoor water park in Lake Harmony, PA consists of seven separate bodies of water including:

- Wave Pool – 138,000 gallons
- S.A.P Pool – 3,525 gallons
- Flowrider – 38,250 gallons
- Slides – 12,600 gallons
- Wet Deck – 5,500 gallons
- Two Spas – 1,575 gallons each

The pool manager recorded all chemical costs from September of 2012 to February of 2013 before installing PoolMoss<sup>®</sup> Pro on all 7 bodies of water in the park. He then recorded the costs for 18 months after installation (from March of 2013 to September of 2014). In addition to improvements in water clarity, air quality, customer satisfaction and water use savings, he documented chemical cost savings that not only paid for the PoolMoss<sup>®</sup> Pro, but significantly further reduced his chemical costs.

# Total savings:

<b>Total Chemical Savings per Month yr 1</b>	<b>\$1,583.10</b>
<b>Total Chemical Savings per month yr 2</b>	<b>\$1,605.61</b>
<b>Net Savings per Month Yr 1</b>	<b>\$310.10</b>
<b>Net Savings per Month Yr 2 to date</b>	<b>\$332.61</b>

The details of his findings are as follow, broken down to show the changes in acid, hypochlorous acid and bicarbs needs.

## Acid purchases and savings:

Pre Moss	Acid	Moss Yr 1	Acid	Moss Yr 2	Acid
March		March		March	
April		April		April	
May		May	\$1,550.63	May	\$1,550.63
June		June		June	
July		July		July	\$780.00
August		August	\$1,561.08	August	
September	\$2,713.61	September		September	
October		October		October	
November	\$526.00	November		November	
December	\$3,101.27	December	\$1,501.68	December	
January		January		January	
February	\$2,713.61	February	\$1,501.68	February	
<b>Total</b>	<b>\$9,054.49</b>	<b>Total</b>	<b>\$6,115.07</b>	<b>Total</b>	<b>\$2,330.63</b>
<b>Avg / Month</b>	<b>\$1,509.08</b>	<b>Avg / Month</b>	<b>\$509.59</b>	<b>Avg / Month</b>	<b>\$388.44</b>
		<b>Savings year 1/month</b>	<b>\$999.49</b>	<b>Savings year 2/month</b>	<b>\$1,120.64</b>

# Hypochlorous Acid purchases and savings:

Pre Moss	Chlorine	Moss Yr 1	Chlorine	Moss Yr 2	Chlorine
March		March	\$966.00	March	\$1,367.00
April		April		April	\$996.00
May		May	\$808.68	May	
June		June	\$966.00	June	\$966
July		July		July	
August		August	\$1,242.00	August	
September	\$966.00	September	\$966.00	September	
October	\$966.00	October		October	
November		November		November	
December	\$966.00	December	\$966.00	December	
January	\$966.00	January	\$966.00	January	
February		February		February	
<b>Total</b>	<b>\$3,864.00</b>	<b>Total</b>	<b>\$6,880.68</b>	<b>Total</b>	<b>\$3,329.00</b>
<b>Avg / Month</b>	<b>\$644.00</b>	<b>Avg / Month</b>	<b>\$573.39</b>	<b>Avg / Month</b>	<b>\$554.83</b>
		<b>Savings year 1/month</b>	<b>\$70.61</b>	<b>Savings year 2/month</b>	<b>\$89.17</b>

# Bicarb purchases and savings:

Pre Moss	Bicarb	Moss Yr 1	Bicarb	Moss Yr 2	Bicarb
March		March		March	\$908.95
April		April	\$820.75	April	
May		May		May	
June		June		June	\$820.00
July		July	\$410.00	July	
August		August		August	
September	\$820.75	September		September	
October	\$820.75	October	\$820.75	October	
November	\$820.75	November		November	
December	\$820.75	December		December	
January	\$820.75	January		January	
February		February		February	
<b>Total</b>	<b>\$4,103.75</b>	<b>Total</b>	<b>\$2,051.50</b>	<b>Total</b>	<b>\$1,728.95</b>
<b>Avg / Month</b>	<b>\$683.96</b>	<b>Avg / Month</b>	<b>\$170.96</b>	<b>Avg / Month</b>	<b>\$288.16</b>
		<b>Savings year 1/month</b>	<b>\$513.00</b>	<b>Savings year 2/month</b>	<b>\$395.80</b>

# Moss cost:

<b>Moss Yr 1</b>	<b>Moss</b>	<b>Moss Yr 2</b>	<b>Moss</b>
March	\$1,273.00	March	\$1,273.00
April	\$1,273.00	April	\$1,273.00
May	\$1,273.00	May	\$1,273.00
June	\$1,273.00	June	\$1,273.00
July	\$1,273.00	July	\$1,273.00
August	\$1,273.00	August	\$1,273.00
September	\$1,273.00	September	\$1,273.00
October	\$1,273.00	October	
November	\$1,273.00	November	
December	\$1,273.00	December	
January	\$1,273.00	January	
February	\$1,273.00	February	
<b>Totals</b>	<b>\$15,276.00</b>		<b>\$8,911.00</b>
<b>Avg/Month</b>	<b>\$1,273.00</b>		<b>\$1,273.00</b>

## Contact Information

13809 Industrial Park Blvd.

Plymouth, MN 55441

**Phone** (763) 398-0141

**Fax** (763) 551-2572

info@cwsnaturally.com

www.cwsnaturally.com

